

APPENDIX I



Photo#: IMGP0001 Date/Time: 3/15/2011 10:08:51 AM Photographer: A. Ruhs
Description: Drums of TRU mixed waste inside of WRAP facility, building 2336W



Photo#: IMGP0002 Date/Time: 3/15/2011 10:17:18 AM Photographer: A. Ruhs
Description: Drum with corrosive label (TRUM) inside WRAP facility building 2336W

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Photo#: IMGP0003 Date/Time: 3/15/2011 10:51:33 AM Photographer: A. Ruhs
Description: Drum in 2404WB building at WRAP facility that has been profiled as non-hazardous



Photo#: IMGP0004 Date/Time: 3/15/2011 10:55:26 AM Photographer: A. Ruhs
Description: Row of drums to the right are before repackaging - dug-up condition, with repacked drums to the left inside of building 2404WB at WRAP facility

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Photo#: IMGP0005 Date/Time: 3/15/2011 11:01:24 AM Photographer: A. Ruhs
Description: Drum stored in building 2402WB Building at WRAP facility

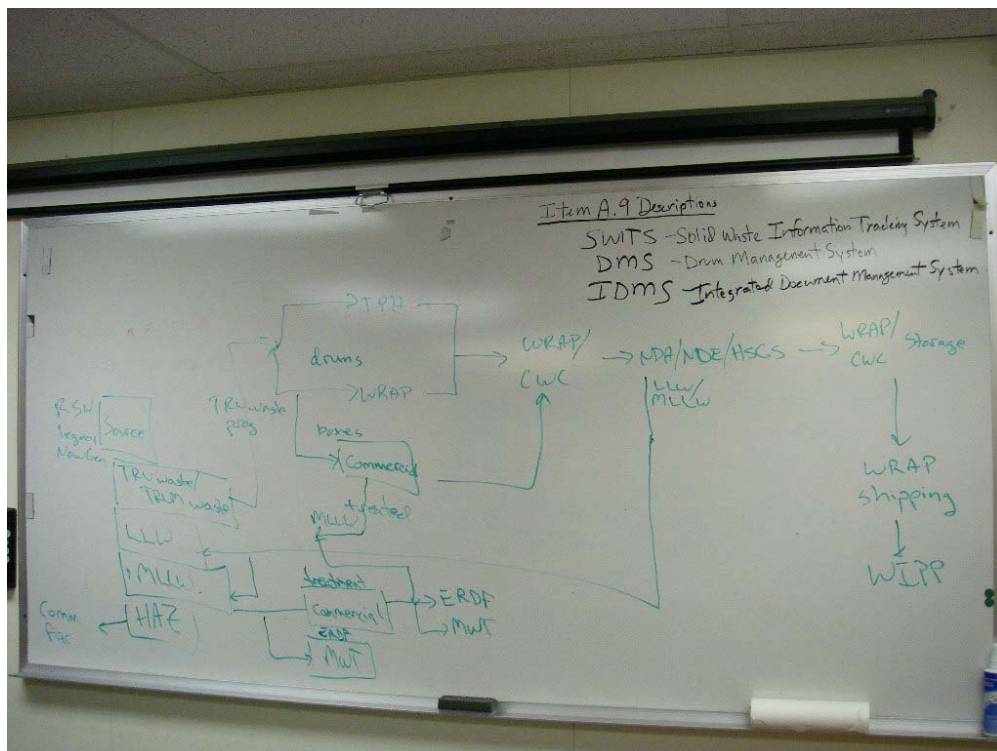


Photo#: IMGP0006 Date/Time: 3/15/2011 11:27:12 AM Photographer: A. Ruhs
Description: outside area that could be used for storage near building 2404WB (left white building) and WC (Right white building) at WRAP facility. East facing.



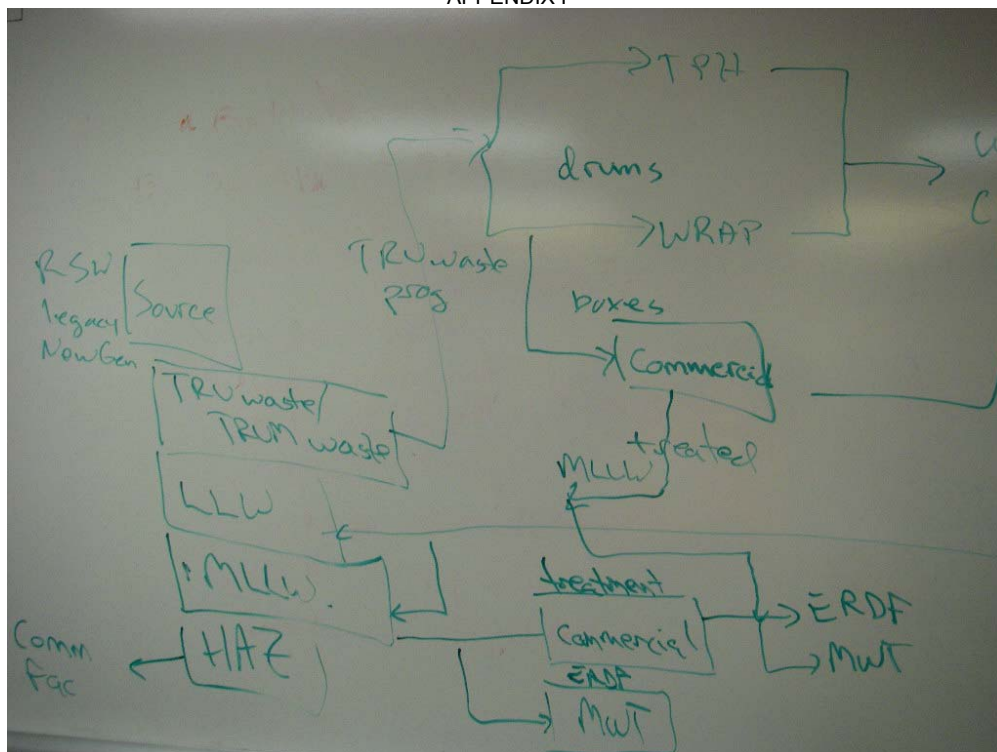
Photo#: IMGP0007 Date/Time: 3/15/2011 11:29:51 AM Photographer: A. Ruhs

Description: outside area that could be used for storage near building 2404WB and WC at WRAP facility. West to southwest facing.

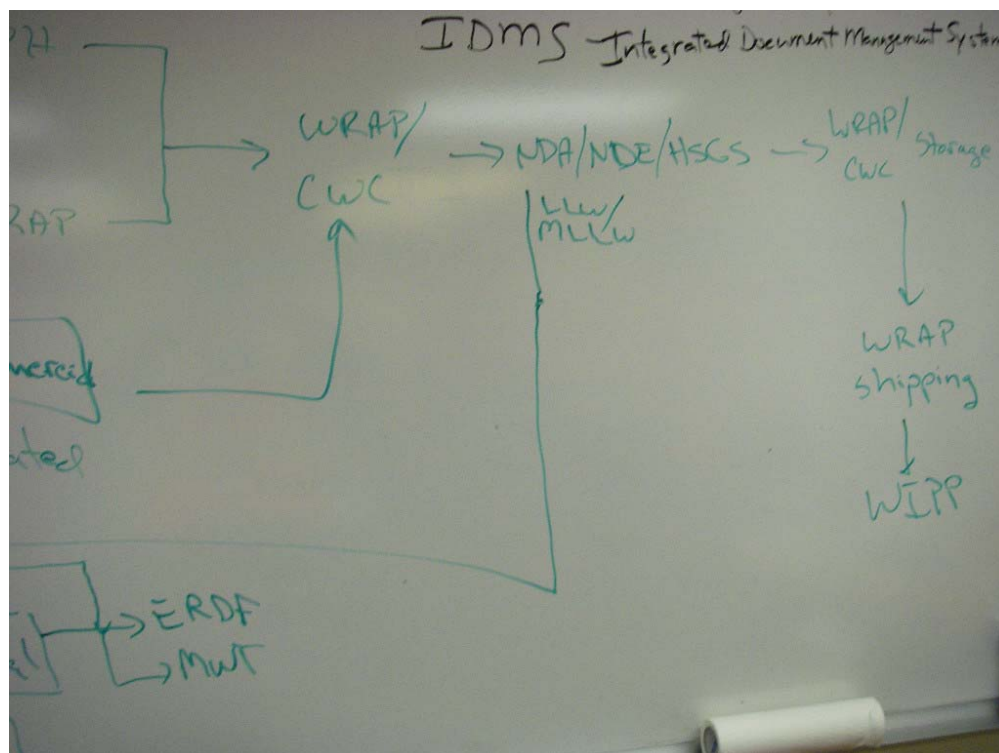


Photo#: IMGP0008 Date/Time: 3/15/2011 3:29:38 PM Photographer: A. Ruhs

Description: White board drawing of waste flow through SWOC facilities - done by Michael Collins.



Photo#: IMGP0009 Date/Time: 3/15/2011 3:30:25 PM Photographer: A. Ruhs
 Description: White board drawing of waste flow through SWOC facilities - done by Michael Collins.



Photo#: IMGP0010 Date/Time: 3/15/2011 3:30:33 PM Photographer: A. Ruhs
 Description: White board drawing of waste flow through SWOC facilities - done by Michael Collins.



Photo#: IMGP0011 Date/Time: 3/16/2011 11:28:26 AM Photographer: A. Ruhs
 Description: 243T covered storage pad, module 3 area, at T-Plant, where Z9 waste is currently stored. Northwest facing.



Photo#: IMGP0012 Date/Time: 3/16/2011 11:28:53 AM Photographer: A. Ruhs
 Description: 243T covered storage pad, module 4 area, at T-Plant, where CWC waste (TRUM) is currently stored before processing. Northwest facing.

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Photo#: IMGP0013 Date/Time: 3/16/2011 11:29:34 AM Photographer: A. Ruhs
Description: Telephone near 243T pad at T-Plant (about 30+ yards away to the east of the pad). Southeast facing.



Photo#: IMGP0014 Date/Time: 3/16/2011 11:36:18 AM Photographer: A. Ruhs
Description: Overview photo of 243T storage pad at T-Plant. Southwest facing.

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Photo#: IMGP0015 Date/Time: 3/16/2011 11:49:37 AM Photographer: A. Ruhs
Description: Close-up on containment at 211T-cage area at T-Plant. East facing



Photo#: IMGP0016 Date/Time: 3/16/2011 11:50:00 AM Photographer: A. Ruhs
Description: 211T-cage area at T-Plant. East facing.



Photo#: IMGP0017 Date/Time: 3/16/2011 11:58:30 AM Photographer: A. Ruhs
Description: 271T-cage at T-Plant. East facing.



Photo#: IMGP0018 Date/Time: 3/16/2011 11:58:35 AM Photographer: A. Ruhs
Description: 271T-cage at T-Plant with fire extinguisher in photo. East facing.

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Photo#: IMGP0019 Date/Time: 3/16/2011 2:55:58 PM Photographer: A. Ruhs
Description: Eye wash station in Building 2706-TA building at T-Plant facility - blocked by drum and tagged out-of-order.



Photo#: IMGP0020 Date/Time: 3/16/2011 3:07:31 PM Photographer: A. Ruhs
Description: T-Plant - Building 2706TA - drum venting station and with sump drain on floor . Blurry.

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Photo#: IMGP0021 Date/Time: 3/16/2011 3:07:51 PM Photographer: A. Ruhs
Description: T-Plant facility - Building 2706TA - drum venting station and with sump drain on floor . Blurry.



Photo#: IMGP0022 Date/Time: 3/16/2011 3:08:17 PM Photographer: A. Ruhs
Description: T-Plant - Building 2706TA - drum venting station and with sump drain on floor .



Photo#: IMGP0023 Date/Time: 3/16/2011 3:17:19 PM Photographer: A. Ruhs
Description: T-Plant facility - 2706-yard with product storage shed and waste drums awaiting venting in front of shed. Northwest facing.



Photo#: IMGP0024 Date/Time: 3/16/2011 3:17:24 PM Photographer: A. Ruhs
Description: T-Plant - 2706-yard second Product storage shed. West facing

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Photo#: IMGP0025 Date/Time: 3/16/2011 3:17:33 PM Photographer: A. Ruhs
Description: T-Plant - 2706-yard (foreground) and 2706-pad behind fence in background. West facing.



Photo#: IMGP0026 Date/Time: 3/16/2011 3:23:45 PM Photographer: A. Ruhs
Description: Overview of 221T-boneyard storage area at T-Plant Facility. Northwest facing.

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Photo#: IMGP0027 Date/Time: 3/16/2011 3:24:09 PM Photographer: A. Ruhs
Description: Overview of 221T-boneyard storage area at T-Plant Facility. West facing.



Photo#: IMGP0028 Date/Time: 3/16/2011 3:30:26 PM Photographer: A. Ruhs
Description: Z9 waste drums being stored on the west end of 221T-boneyard at T-Plant facility. West facing.



Photo#: IMGP0029 Date/Time: 3/16/2011 3:30:44 PM Photographer: A. Ruhs
Description: Spill pallet with mixed waste drum (#A11618) on it at 221T-boneyard storage area at T-Plant facility. West facing.



Photo#: IMGP0030 Date/Time: 3/16/2011 3:34:09 PM Photographer: A. Ruhs
Description: Cask waste container in 221T-boneyard at T-Plant facility. West facing.



Photo#: IMGP0031 Date/Time: 3/16/2011 3:43:52 PM Photographer: A. Ruhs
Description: Sandfilter storage area at T-Plant facility - with Puck drums. Southeast facing.



Photo#: IMGP0032 Date/Time: 3/16/2011 3:55:43 PM Photographer: A. Ruhs
Description: 221T-T-R5 storage area at T-Plant. West facing.



Photo#: IMGP0033 Date/Time: 3/16/2011 3:56:08 PM Photographer: A. Ruhs
Description: Close-up on 221T-T-R5 tent (#229W) that holds packaging materials. West facing.



Photo#: IMGP0034 Date/Time: 3/16/2011 4:05:47 PM Photographer: A. Ruhs
Description: 211T-Pad at T-Plant, that will be used for future storage. East facing.

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Photo#: IMGP0035 Date/Time: 3/16/2011 4:14:22 PM Photographer: A. Ruhs
Description: 10-gal hazardous waste drum in 214T storage building at T-Plant facility.



Photo#: IMGP0036 Date/Time: 3/16/2011 4:15:18 PM Photographer: A. Ruhs
Description: Overview of inside of 214T building at T-Plant - showing berm with sump separation.

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Photo#: IMGP0037 Date/Time: 3/16/2011 4:18:01 PM Photographer: A. Ruhs
Description: Universal waste containers in the recycling room of the 214T building at T-Plant facility.



Photo#: IMGP0038 Date/Time: 3/16/2011 4:18:15 PM Photographer: A. Ruhs
Description: Close-up of universal waste container that is not fully closed in the recycle room of the 214T building at T-Plant.



Photo#: IMGP0039 Date/Time: 3/17/2011 11:06:31 AM Photographer: A. Ruhs
Description: DMWSA - Cell HS0083A - dangerous waste only side. At lab 222S



Photo#: IMGP0040 Date/Time: 3/17/2011 11:08:17 AM Photographer: A. Ruhs
Description: DMWSA - Cell HS0083A - MLLW side. At lab 222S

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Photo#: IMGP0041 Date/Time: 3/17/2011 11:08:24 AM Photographer: A. Ruhs
Description: DMWSA - Cell HS0083A - MLLW side. At lab 222S



Photo#: IMGP0042 Date/Time: 3/17/2011 11:12:43 AM Photographer: A. Ruhs
Description: DMWSA - cell HS0082A at Lab 222S



Photo#: IMGP0043 Date/Time: 3/17/2011 11:16:06 AM Photographer: A. Ruhs
Description: DMWSA - cell HS0082B. At lab 222S.



Photo#: IMGP0044 Date/Time: 3/17/2011 11:17:52 AM Photographer: A. Ruhs
Description: DMWSA - HS0083B. At lab 222S



Photo#: IMGP0045 Date/Time: 3/17/2011 11:26:12 AM Photographer: A. Ruhs

Description: The leak protection alarms and shut-off equipment panel at the 219S tank system control room at Lab 222S.



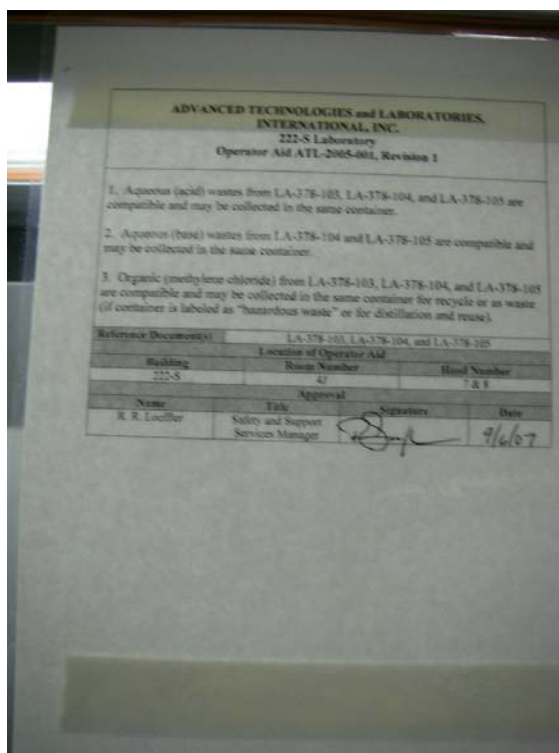
Photo#: IMGP0046 Date/Time: 3/17/2011 11:46:47 AM Photographer: A. Ruhs

Description: An out-of-service sodium hydroxide product tank (#201), located in the 219S tank system control room. Currently filled with water. At lab 222S.

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Photo#: IMGP0047 Date/Time: 3/17/2011 1:37:30 PM Photographer: A. Ruhs
Description: Hood inside lab 222S, room 4J, with Procedures on the outside of hood.



Photo#: IMGP0048 Date/Time: 3/17/2011 1:37:40 PM Photographer: A. Ruhs
Description: Close-up on a waste compatability procedure taped to the hood in room 4J at the 222S lab.

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Photo#: IMGP0049 Date/Time: 3/17/2011 1:54:31 PM Photographer: A. Ruhs
Description: Hood in 4K lab - ion chromatography - at 222S lab.



Photo#: IMGP0050 Date/Time: 3/17/2011 2:06:02 PM Photographer: A. Ruhs
Description: Hood in room 4S, organic prep, at 222S lab.



Photo#: IMGP0051 Date/Time: 3/17/2011 2:24:19 PM Photographer: A. Ruhs
Description: room 2B DWMU storage area front end at Lab 222S.



Photo#: IMGP0052 Date/Time: 3/17/2011 2:29:55 PM Photographer: A. Ruhs
Description: Hood-sink used to pour or slurp with water aspirator (inside hood) waste going to 219S tank system. Located in room 2B DWMU storage area (front end) at Lab 222S.

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Photo#: IMGP0053 Date/Time: 3/17/2011 2:30:05 PM Photographer: A. Ruhs
Description: Container storage area in room 2B (back side), at Lab 222S.



Photo#: IMGP0054 Date/Time: 3/17/2011 2:30:11 PM Photographer: A. Ruhs
Description: Hood-sink area (#16B) used for deconing sample carriers. Located in room 2B DWMU area (backside) at Lab 222S.

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Photo#: IMGP0055 Date/Time: 3/17/2011 2:37:37 PM Photographer: A. Ruhs
Description: Example of tank sample carrier that would get deconed in hood-sink in room 2B at 222S Lab.



Photo#: IMGP0056 Date/Time: 3/17/2011 2:55:35 PM Photographer: A. Ruhs
Description: Less-than-90-day accumulation for MLLW inside of the 222S lab area.

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Photo#: IMGP0057 Date/Time: 3/17/2011 2:55:44 PM Photographer: A. Ruhs
Description: Overview of MLLW storage and less-than-90-day accumulation rack in the 222S lab.



Photo#: IMGP0058 Date/Time: 3/17/2011 2:59:17 PM Photographer: A. Ruhs
Description: storage cabinet for MLLW in room 4E at 222S lab. DWMU

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Photo#: IMGP0059 Date/Time: 3/17/2011 3:03:36 PM Photographer: A. Ruhs
Description: Overview of room 4E at Lab 222S. DWMU



Photo#: IMGP0060 Date/Time: 3/17/2011 3:45:02 PM Photographer: A. Ruhs
Description: DW-only drums in the less-than-90-day accumulation area at 222S lab.

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Photo#: IMGP0061 Date/Time: 3/17/2011 3:45:09 PM Photographer: A. Ruhs
Description: close-up on drum in DW-only less-than-90-day accumulation area at 222S lab.



Photo#: IMGP0062 Date/Time: 3/17/2011 3:45:29 PM Photographer: A. Ruhs
Description: Used-oil drums stored in the DW-only less-than-90-day accumulation building at lab 222S.



Photo#: IMGP0063 Date/Time: 3/21/2011 10:57:12 AM Photographer: A. Ruhs
Description: Inside of 2401W building at CWC. This area has been used for less-than-90-day accumulation and is roped off during that time.



Photo#: IMGP0064 Date/Time: 3/21/2011 10:57:20 AM Photographer: A. Ruhs
Description: Close-up on the label on the poll used to rope off the less-than-90-day accumulation area in building 2401W when in use. Located in the CWC facility.



Photo#: IMGP0065 Date/Time: 3/21/2011 10:57:52 AM Photographer: A. Ruhs
Description: Recycling and universal waste storage inside of building 2401W at CWC facility.



Photo#: IMGP0066 Date/Time: 3/21/2011 10:59:14 AM Photographer: A. Ruhs
Description: Outside view of building 2401W at CWC facility.

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Photo#: IMGP0067 Date/Time: 3/21/2011 11:06:02 AM Photographer: A. Ruhs
Description: Outside of storage building 2403WD building at CWC.



Photo#: IMGP0068 Date/Time: 3/21/2011 11:08:20 AM Photographer: A. Ruhs
Description: Inside overview shot of building 2403WD at CWC facility.

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Photo#: IMGP0069 Date/Time: 3/21/2011 11:17:30 AM Photographer: A. Ruhs
Description: Shows berm and slope in floor used for separation inside of building 2403WD at CWC facility.



Photo#: IMGP0070 Date/Time: 3/21/2011 11:20:15 AM Photographer: A. Ruhs
Description: This box has been marked non-certifiable (came from 231Z area). Stored in 2403WD building at CWC facility.

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Photo#: IMGP0071 Date/Time: 3/21/2011 11:32:35 AM Photographer: A. Ruhs
Description: A retrieval container that is labelled corrosive (#202A75013). Stored in building 2403WD at CWC facility.



Photo#: IMGP0072 Date/Time: 3/21/2011 1:31:39 PM Photographer: A. Ruhs
Description: Waste verification storage area in building 2304WD at CWC facility.



Photo#: IMGP0073 Date/Time: 3/21/2011 1:37:15 PM Photographer: A. Ruhs
Description:DWMU area - Storage area B (FRA), with 212N boxes-crates. Storage is just west of the 2403WD building.



Photo#: IMGP0074 Date/Time: 3/21/2011 1:40:38 PM Photographer: A. Ruhs
Description:Expansion area (DWMU storage area A) at the CWC facility. Facing South from the middle of the storage area on the east side.



Photo#: IMGP0075 Date/Time: 3/21/2011 1:40:43 PM Photographer: A. Ruhs
Description: Expansion area (DWMU storage area A) at the CWC facility. Facing west from the middle of the storage area on the east side.



Photo#: IMGP0076 Date/Time: 3/21/2011 1:40:49 PM Photographer: A. Ruhs
Description: Expansion area (DWMU storage area A) at the CWC facility. Facing northwest from the middle of the storage area on the east side.

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Photo#: IMGP0077 Date/Time: 3/21/2011 1:40:54 PM Photographer: A. Ruhs
Description: Expansion area (DWMU storage area A) at the CWC facility. Facing north from the middle of the storage area on the east side.

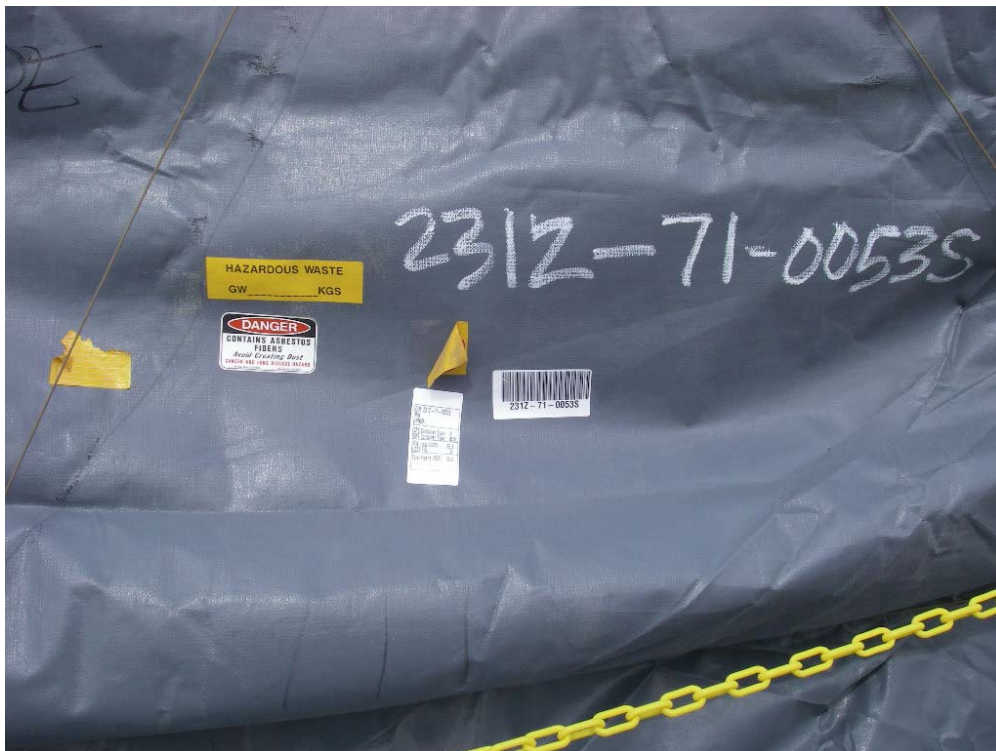


Photo#: IMGP0078 Date/Time: 3/21/2011 2:03:48 PM Photographer: A. Ruhs
Description: Truck in the process of moving s waste box at the expansion area at CWC facility. Destination is likely Permafix for treatment. Facing East.

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Photo#: IMGP0079 Date/Time: 3/21/2011 2:07:26 PM Photographer: A. Ruhs
Description: Tarped waste box labelled hazardous waste in the expansion area at CWC facility. North facing.



Photo#: IMGP0080 Date/Time: 3/21/2011 2:07:36 PM Photographer: A. Ruhs
Description: Close-up on labels on the tarped waste box labelled hazardous waste in the expansion area at CWC facility. North facing.



Photo#: IMGP0081 Date/Time: 3/21/2011 2:10:26 PM Photographer: A. Ruhs
Description: Waste box labelled hazardous waste in the expansion area at CWC facility. East facing.



Photo#: IMGP0082 Date/Time: 3/21/2011 2:18:07 PM Photographer: A. Ruhs
Description: Waste box that has been re-enforced with concrete. Located in expansion area at CWC facility.



Photo#: IMGP0083 Date/Time: 3/21/2011 2:20:47 PM Photographer: A. Ruhs
Description: Box covered with tarp, labelled PCBs and corrosive. In expansion area at CWC facility. North facing.



Photo#: IMGP0084 Date/Time: 3/21/2011 2:39:23 PM Photographer: A. Ruhs
Description: Inside of building 2402WH at CWC facility. Storing WRAP feed containers.



Photo#: IMGP0085 Date/Time: 3/21/2011 2:41:38 PM Photographer: A. Ruhs
Description: Outside view of 2402WH building at CWC facility.



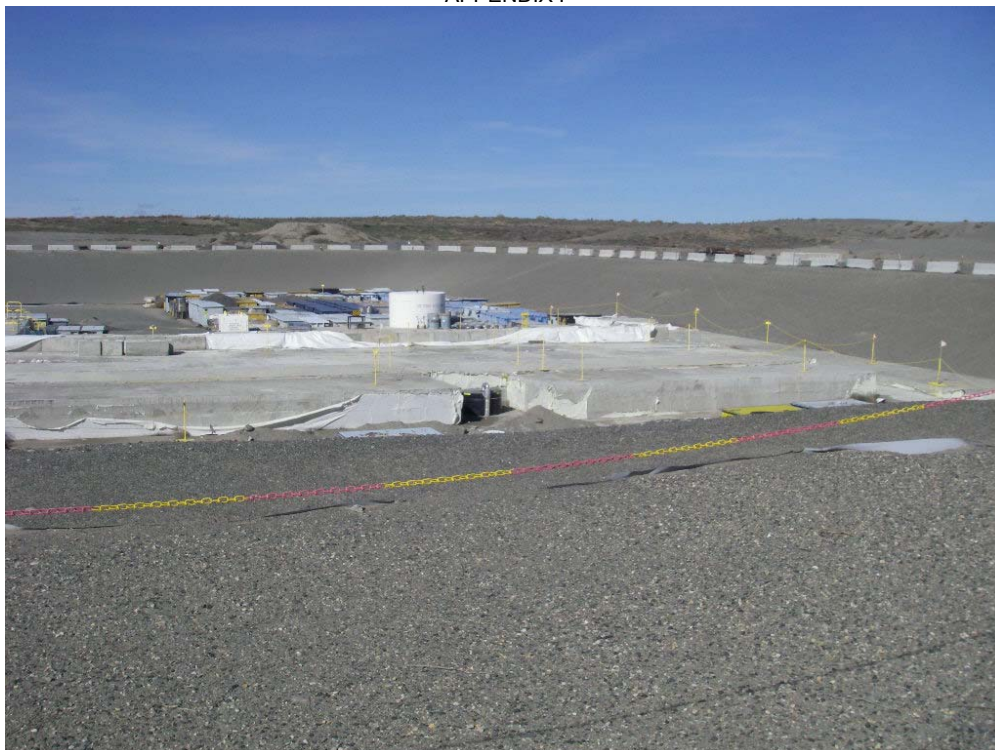
Photo#: IMGP0086 Date/Time: 3/22/2011 10:36:17 AM Photographer: A. Ruhs
Description: Overview of Trench 34. West facing.



Photo#: IMGP0087 Date/Time: 3/22/2011 10:40:26 AM Photographer: A. Ruhs
Description: Partially finished Macroencapsulation treatment of HTGR (MLLW) inside of Trench 34. North facing.



Photo#: IMGP0088 Date/Time: 3/22/2011 10:40:37 AM Photographer: A. Ruhs
Description: Close-up of partially finished Macroencapsulation treatment of HTGR (MLLW) inside of Trench 34. North facing.



Photo#: IMGP0089 Date/Time: 3/22/2011 10:56:29 AM Photographer: A. Ruhs
Description: Trench 34, showing primary leachate pump-sump (middle of photo). West facing.



Photo#: IMGP0090 Date/Time: 3/22/2011 11:09:17 AM Photographer: A. Ruhs
Description: Trench 34 secondary and primary leachate-leak detection collection pipes. Far left pipe (foreground) is the leak detection (secondary) collection pipe with a flow meter (red). Ties into the primary (leachate) collection pipe and flows to a combined collection tank. North facing.



Photo#: IMGP0091 Date/Time: 3/22/2011 11:09:23 AM Photographer: A. Ruhs
Description: Combined pipe from leachate and leak detection collection at trench 34. North facing.



Photo#: IMGP0092 Date/Time: 3/22/2011 11:09:43 AM Photographer: A. Ruhs
Description: Combined leachate-leak detection collection tank (hazardous waste tank) at trench 34. North facing.



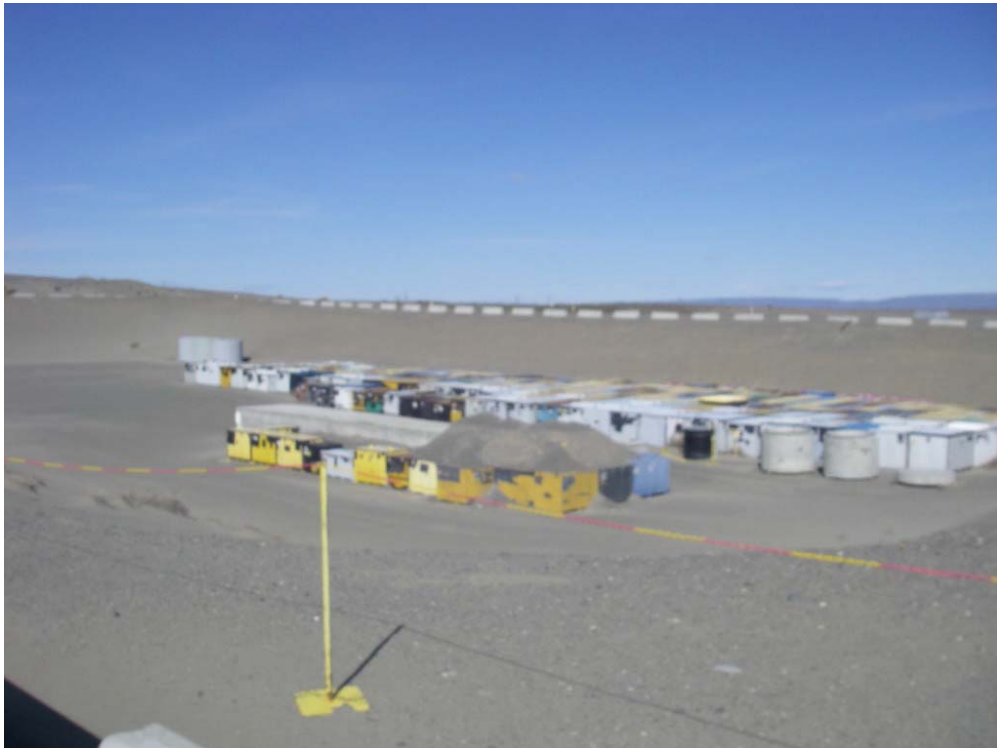
Photo#: IMGP0093 Date/Time: 3/22/2011 11:09:56 AM Photographer: A. Ruhs
Description: View of secondary containment under the leachate collection tank at trench 34. North facing.



Photo#: IMGP0094 Date/Time: 3/22/2011 11:10:19 AM Photographer: A. Ruhs
Description: Effluent piping from the leachate collection tank at trench 34. Also shows the sample port at bottom of pipe. North facing.



Photo#: IMGP0095 Date/Time: 3/22/2011 11:10:33 AM Photographer: A. Ruhs
Description: Effluent pipe from leachate collection tank at trench 34 going overhead to tanker truck. North facing.

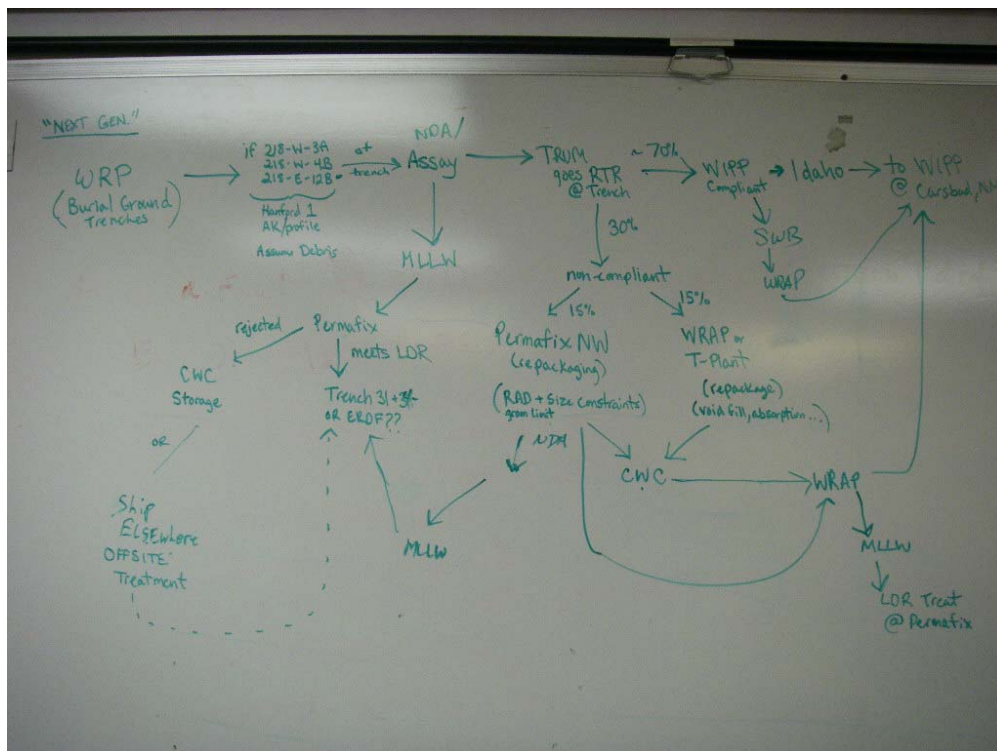


Photo#: IMGP0096 Date/Time: 3/22/2011 11:20:18 AM Photographer: A. Ruhs
Description: Overview of Trench 31. West to northwest facing.

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Photo#: IMGP0097 Date/Time: 3/22/2011 11:26:39 AM Photographer: A. Ruhs
Description: Close-up of secondary containment of the leachate collection tank at trench 31. North facing.



Photo#: IMGP0098 Date/Time: 3/23/2011 2:07:47 PM Photographer: A. Ruhs
Description: Next Generation waste flow drawn on whiteboard.